



Benefits

- Enforces a process for making changes to the data center infrastructure and automatically assigns tasks to the correct individual or group
- Automated ticketing system ensures the correct levels of approval are granted for each work instruction and that tasks are carried out by the correct person
- Requires approval by assigned individuals before action can be taken
- Has the ability to configure the processes per the organization's requirements
- Automatically updates the Trellis™ platform data center plan upon completion of the task
- The workflow engine can be managed by the data center staff
- Enhanced visibility improves monitoring, analysis, control and execution of processes
- Reduces risk with increased confidence in the data center's abilities to support IT/business requirements

On a daily basis, IT personnel struggle with planning workloads for individuals and groups, coordinating work among the team and completing work on a timely basis because of the lack of a process within the data center, which can lead to increased inefficiencies and risks.

A workflow management solution can go a long way to helping data centers increase their efficiency and reduce the risks associated with adding, moving, decommissioning and renaming equipment. But to maximize the value of their investment in such a solution, the workflow needs to be fully—and transparently—integrated with their DCIM solution. For many organizations, the only way to manage these processes has either been through cumbersome, error-prone spreadsheets or standalone workflow management solutions.

The Trellis™ Process Manager provides functionality that reduces the need for multiple solutions in managing the workflow within the data center and allows a systematic approach to making an organization's workflow more effective.

The Trellis™ Process Manager is a valuable, integral component of the overall Trellis™ platform product offering. It has four processes based on best practice:

1. Equipment Install
2. Equipment Decommission
3. Equipment Move
4. Equipment Rename

With these four processes, you can:

- Ensure that all changes in the data center follow the organization's internal processes
- Assign and track each task in a process to the correct individual
- Create detailed reporting that allows for continuous improvement of the process
- Level workload among staff members

Manage the Workflow Activities in the Data Center

- Select and define standards for IT hardware (servers, switches, routers, cabling, etc.,) based on performance capabilities and power consumption to minimize total cost of ownership
- Prioritize performance improvement opportunities
- Plan and manage power, cooling and space for future deployments
- Plan and deploy power equipment to racks/room
- Plan and deploy cooling equipment to the racks/room
- Coordinate with those associated with deploying power and cooling equipment
- Perform preventive maintenance and repairs
- Perform infrastructure installation and changes
- Record event changes
- Perform data center infrastructure audits
- Project management for systems-related projects

Focus on Reducing Costs and Increasing Efficiency

The Trellis™ Process Manager workflow process improves availability with its metrics and alerts used to identify potential problems along with accurate measurements that help reduce failures.

The economic impact for fine-tuning the workflow process includes the ability to identify and reduce over-provisioning and redundancy, extend data center capacity (space, cooling and power) and cut operating costs.

Other benefits that the Trellis™ Process Manager brings to the data center:

- Performance improvements (efficiency, availability, productivity and safety)
- Management of power, cooling and space capacity
- Ability to define and maintain standards for IT equipment
- Ability to maintain the operation of power, cooling, cabling, racks, IT devices and virtual infrastructure
- Updates in the infrastructure asset records
- Ability to perform general IT duties

The screenshot shows the Trellis Process Manager interface. On the left, a sidebar lists 'Process Request' and 'Others' categories. The 'Others' category contains links for 'Decommission Equipment', 'Move Equipment', 'Install Equipment', and 'Rename Equipment'. The main content area is titled 'Process Manager' and shows a 'My Tasks (40)' list. The list includes items like 'Approve equipment installation request for project:HCD test 23', 'Decommission request for project:BAR020', and several 'Approve equipment decommission request for project:Test 2'. Below the list, a specific task is detailed: 'Approve Equipment Installation request for Project: HCD TEST 23 Cost Center: 12254'. The task details include a 'Details' section with project name, completion date, and location, and a 'Requested Equipment' table with a single entry for a 'POWEREDGE 1950 DELL' server. At the bottom of the task view, there are buttons for 'Approve', 'Reject', 'Claim', 'Actions', and other task-related functions.

The Trellis™ Process Manager